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Commercial Fertilizers, Commercial Feeds

AND

Agricultural Liming Materials

Results of Tests on Products Sold as Vitamin D Carriers.

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ASSAY OF VITAMIN D SUPPLEMENTS SOLD IN MARYLAND (Spring, 1935)

The accompanying table contains the results obtained in a recently completed assay of samples of sixteen products sold in Maryland as vitamin D supplements. These samples were secured by Inspectors of this Department during January and February, 1935. Each brand tested carried a specific guarantee of vitamin D potency as measured by the Association of Official Agricultural Chemists' method of assay for anti-rachitic materials. This potency is listed in the table under the heading "Guaranteed Percentage." Each product was assayed at the guaranteed percentage, and the results are shown in the column headed "Results of Tests". In this report we are continuing to express the results of the tests as "Satisfactory" when the guarantee is sustained, and "Unsatisfactory", when the assay shows the product to be less potent than guaranteed.

It is to be emphasized that the guaranteed percentages are not to be construed as feeding recommendations. For practical feeding purposes the recommendations of the manufacturer should be followed.

In order to derive the maximum benefits from the results of control assays, it is advisable to consider as great a number of tests as are available. The results of previous tests conducted by this Department will be of service in this connection, copies of which may be obtained upon request.

Manufacturer	Brand Name	Guaranteed Percentage	Result of Test
F. E. Booth Company, Inc. San Francisco, California	Crescent Brand SarDilene	1/4%	Satisfactory
California Packing Corporation San Francisco, California	Biotol (Sardine Oil)	3/8%	Satisfactory
G. E. Conkey Company Cleveland, Ohio	Conkey's Y-O	2 1/2%	Satisfactory
[illegible] New York City, New York	CICO Cod Liver Oil	1/2%	Satisfactory
Ezl. Dunwoody Company Philadelphia, Pennsylvania	Dunwoody Super X Cod Liver Oil	1/2%	Satisfactory

Cleveland, Ohio	Conkey's T-O	2½%	Satisfactory
[illegible] Import Company New York City, New York	CICO Cod Liver Oil	½%	Satisfactory
Ezl. Dunwoody Company Philadelphia, Pennsylvania	Dunwoody Super X Cod Liver Oil	½%	Satisfactory
	Dunwoody Super XX Medicinal Cod Liver Oil—U.S.P.	½%	Satisfactory
The Fox Company Newfield, New Jersey	Fox Special Cod Liver Oil	½%	Satisfactory
Health Products Corporation Newark, New Jersey	CLO-TRATE Concentrated Cod Liver Oil	⅛%	Satisfactory
Chas. L. Huisking & Company, Inc. New York City, New York	Vitamine Brand Cod Liver Oil, U.S.P.	¼%	Unsatisfactory
King Brothers & Company Philadelphia, Pennsylvania	King's Xtra Cod Liver Oil	½%	Satisfactory
McKesson & Robbins Bridgeport, Connecticut	Isdahl's Norwegian Cod Liver Oil	½%	Satisfactory
National Oil Products Company Harrison, New Jersey	Nopoco XX Vitamin Concentrate added to Pure Cod Liver Oil	1/16%	Satisfactory
	Nopco DD Cod Liver Oil	¼%	Satisfactory
Pratt Food Company Hammond, Indiana	Pratt's Cod Liver Oil	½%	Satisfactory
Silmo Chemical Company Vineland, New Jersey	Poultry D Cod Liver Oil	1%	Satisfactory
	Silmo XX Cod Liver Oil	⅛%	Satisfactory